



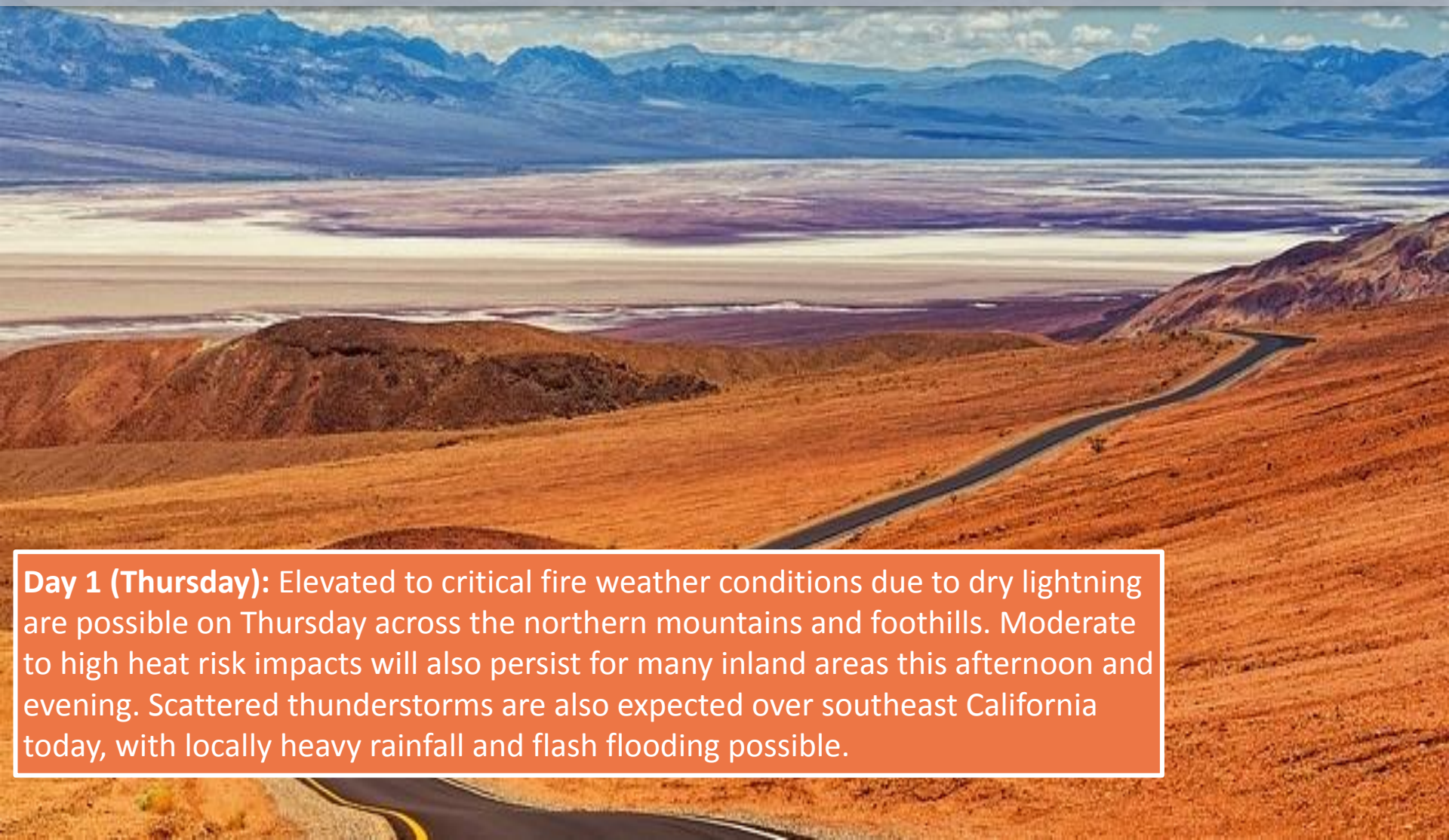
# Cal OES

## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Thursday, August 18



**Day 1 (Thursday):** Elevated to critical fire weather conditions due to dry lightning are possible on Thursday across the northern mountains and foothills. Moderate to high heat risk impacts will also persist for many inland areas this afternoon and evening. Scattered thunderstorms are also expected over southeast California today, with locally heavy rainfall and flash flooding possible.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Thursday, August 18

	Thu, Aug 18	Fri, Aug 19	Sat, Aug 20	Sun, Aug 21	Mon, Aug 22	Tue, Aug 23	Wed, Aug 24
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms	Inland (North)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
<b>Thunderstorms</b> Wind / Hail / Tornadoes	Inland (Mtns)/ Southern	Southern	Southern	Southern			
<b>Heat</b>	Inland/ Southern	Inland	Inland	All Areas	All Areas	All Areas	All Areas
<b>Cold</b>							
<b>River Flooding</b>							
<b>Wind</b>							
<b>Heavy Rain</b> Flash Flooding / Debris Flow	Southern	Southern	Southern				
<b>Snow</b>							
<b>Coastal Flooding</b>							
<b>Risk Levels</b>	Little to None	Minor	Moderate	Major	Extreme		



# Weather Key Points

Regional Operations Center

Western Region

Thursday, August 18

- Elevated to critical fire weather conditions due to dry lightning are possible on Thursday across the northern mountains and foothills
  - New fire starts are possible from lightning, with gusty and erratic winds also possible near any thunderstorms
- Moderate to locally high heat risk impacts persist for many inland areas into the weekend, with a gradual cooling trend statewide into early next week
  - Daytime high temperatures of 95 to 108°F will be noted each afternoon, while overnight lows will remain in the 60s and 70s
- Outside of mostly dry thunderstorms across the north, scattered showers and thunderstorms will continue most afternoons across the southern mountains and deserts through the weekend, with a few storms also forecast along and east of the Sierra through Friday
  - A few storms will remain capable of producing locally heavy rainfall, which may lead to flash flooding, especially across far southeast California



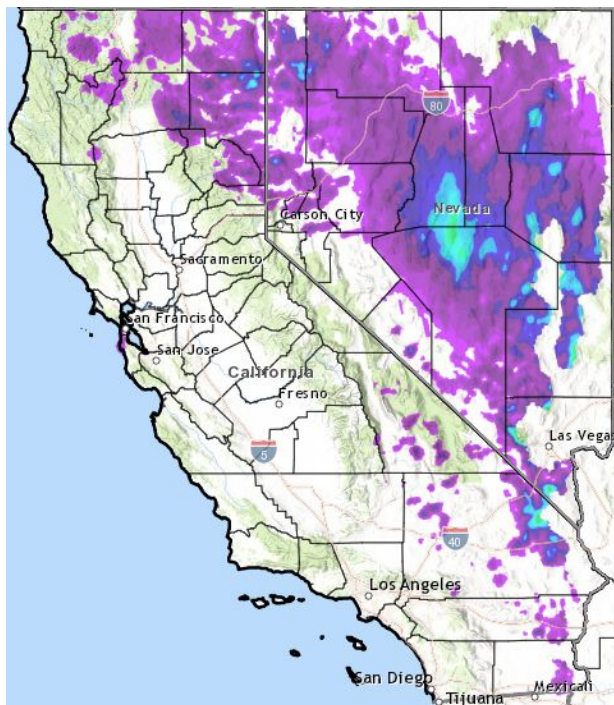


# Precipitation Forecast

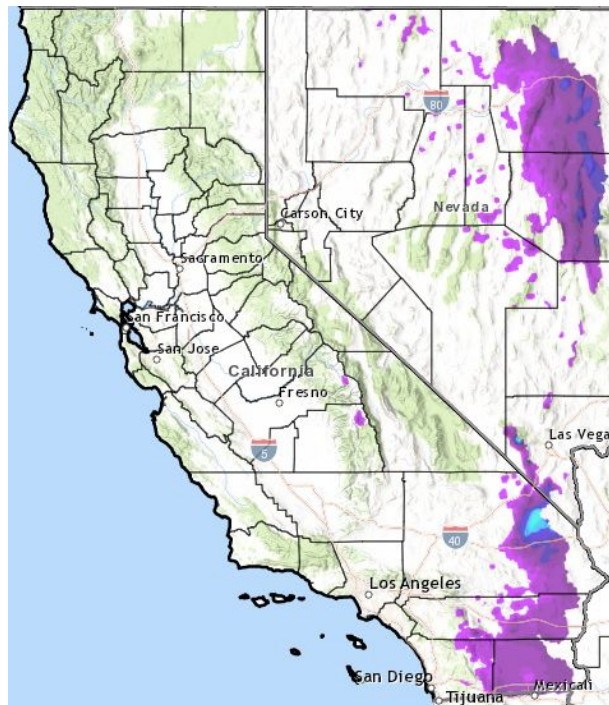
Regional Operations Center

Western Region

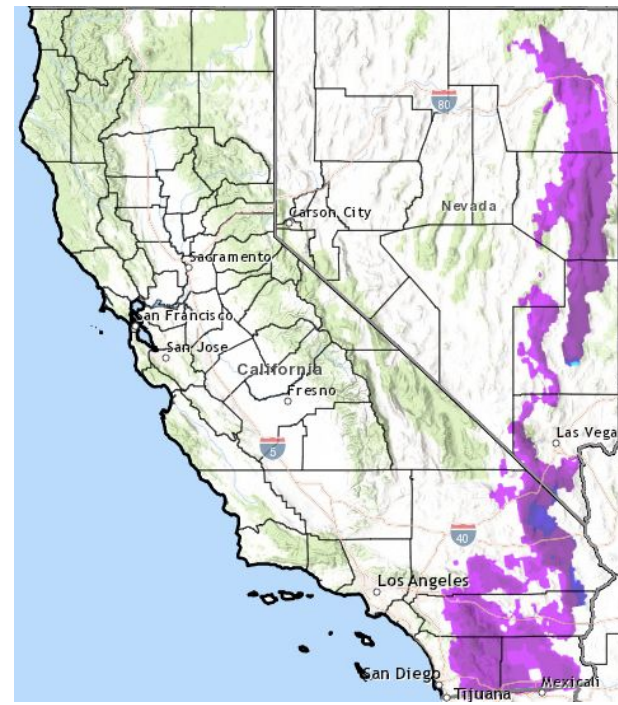
Thursday, August 18



Thursday



Friday



Saturday

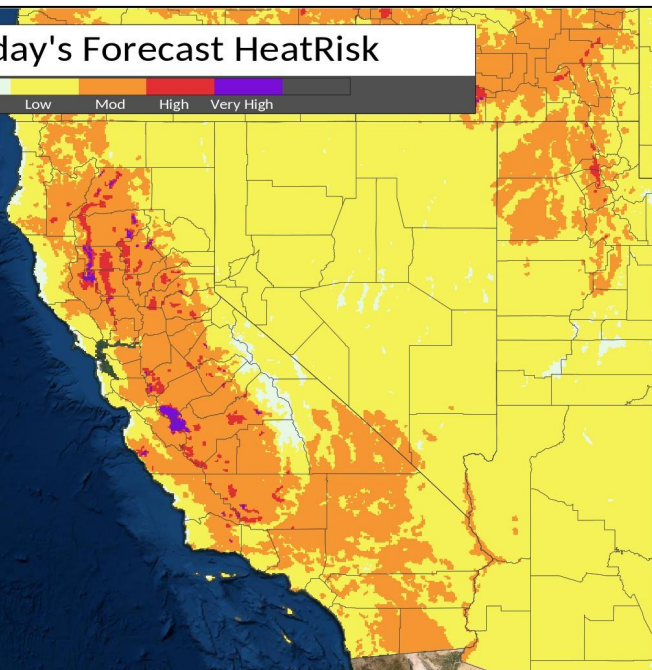
**Important Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



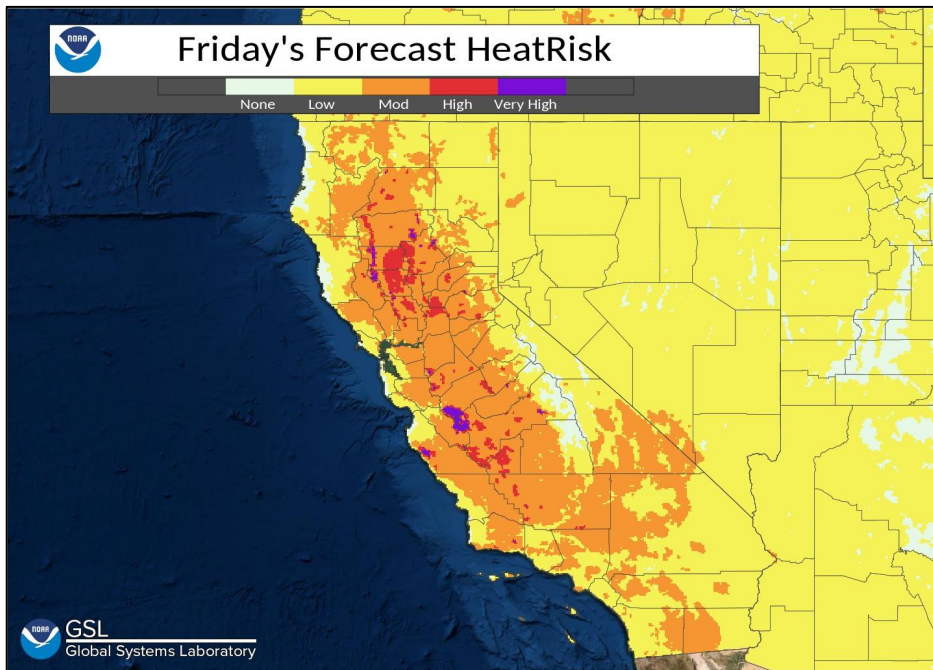
Thursday's Forecast HeatRisk

None Low Mod High Very High



Friday's Forecast HeatRisk

None Low Mod High Very High



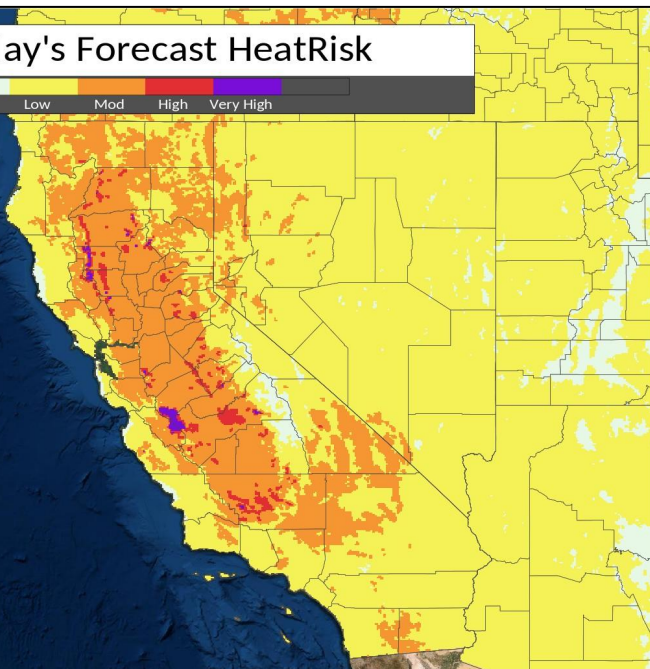
Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Saturday's Forecast HeatRisk

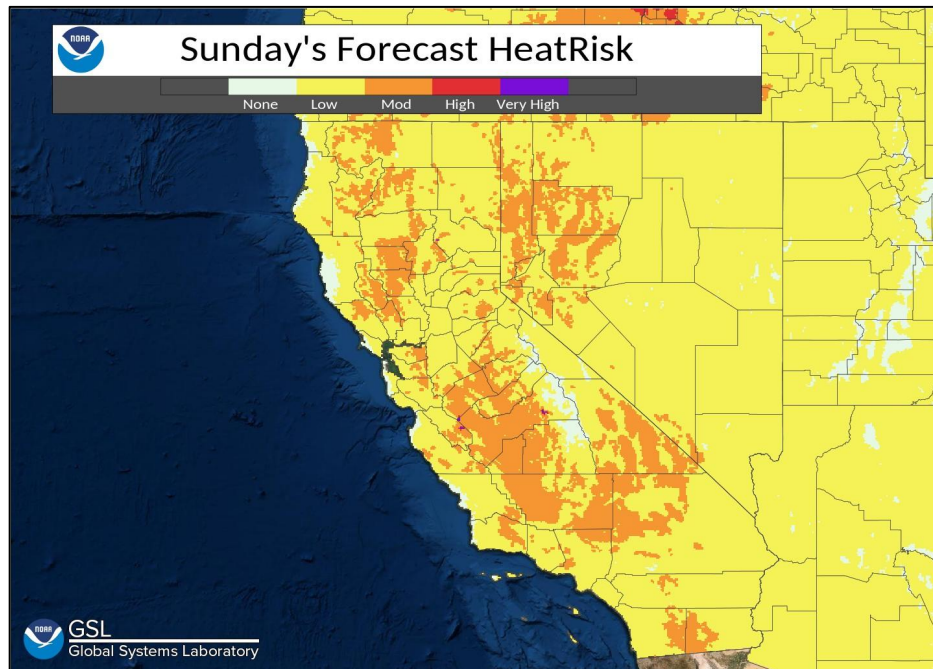
None Low Mod High Very High



GSL  
Global Systems Laboratory

Sunday's Forecast HeatRisk

None Low Mod High Very High



GSL  
Global Systems Laboratory

Green Level 0 No Elevated Risk

Yellow Level 1 Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration

Orange Level 2 Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red Level 3 High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration

Magenta Level 4 Very High Risk for the entire population due to long duration heat, with little to no relief overnight

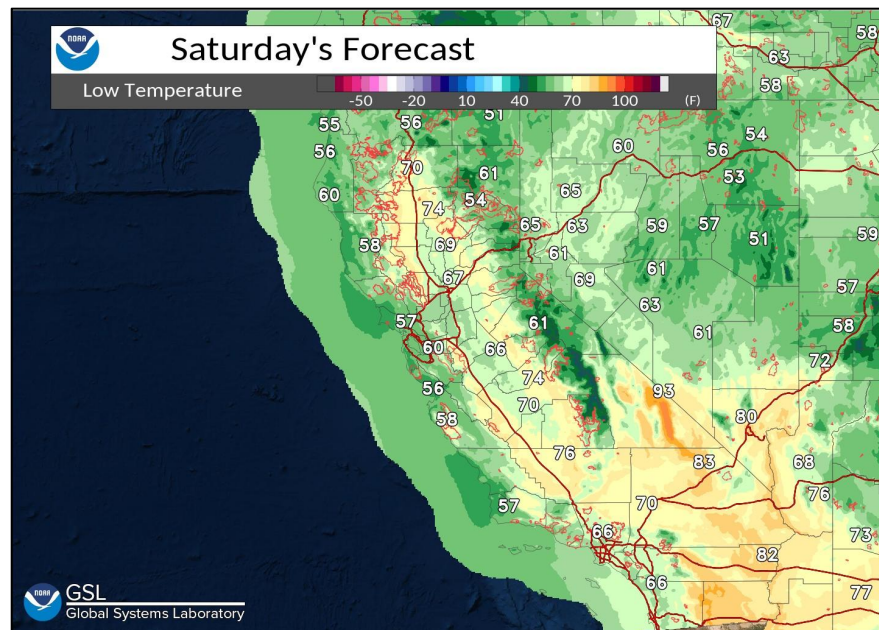
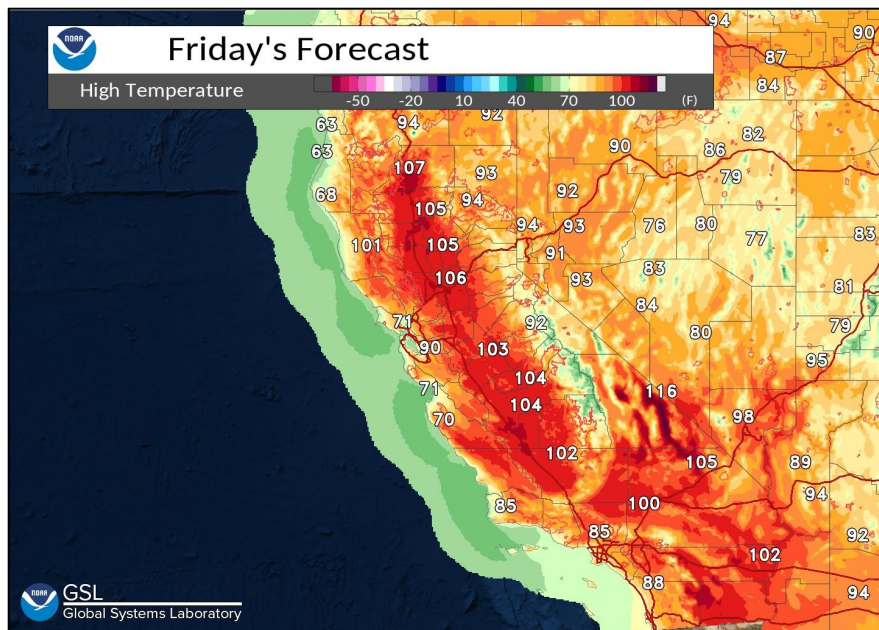
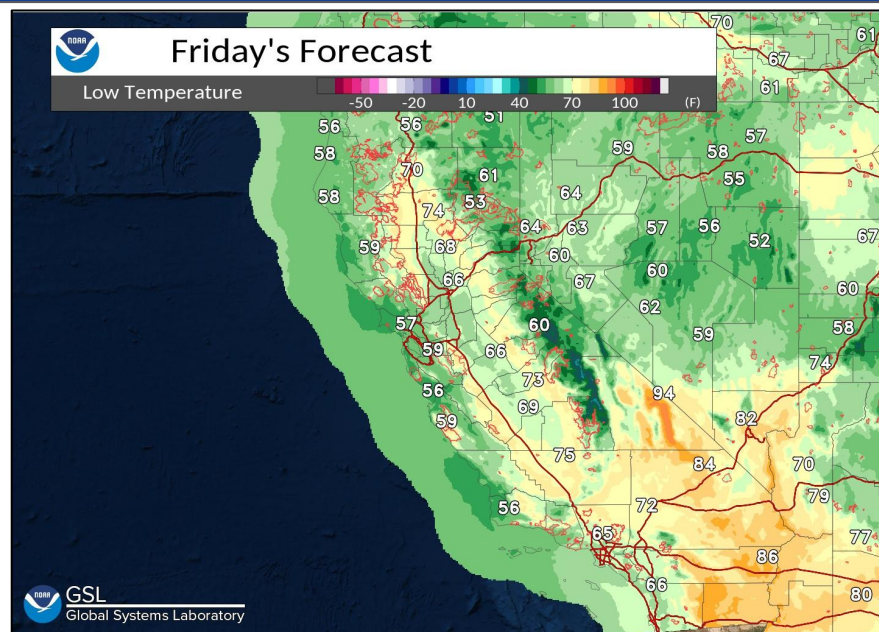
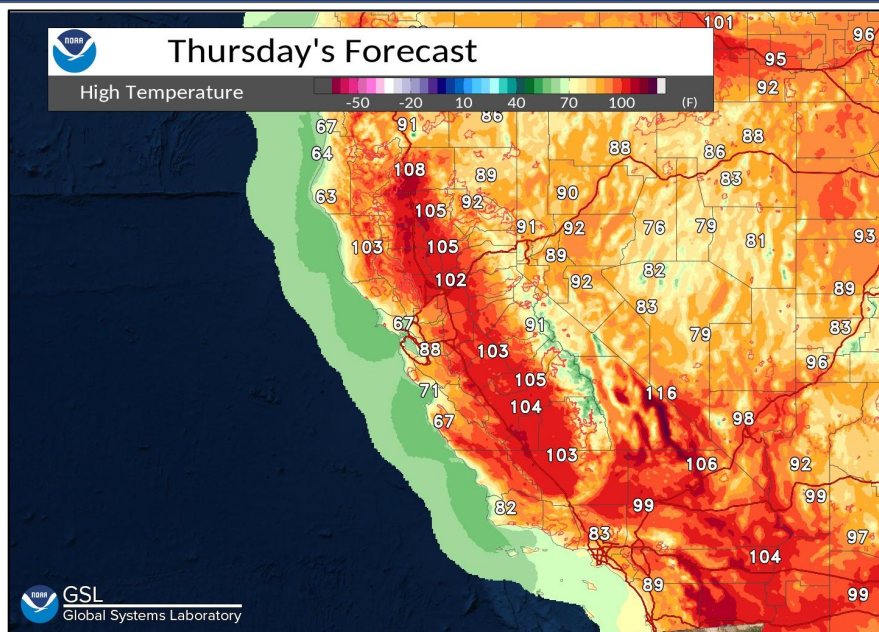


# Wed-Thu High/Low Temperatures

Regional Operations Center

Western Region

Thursday, August 18





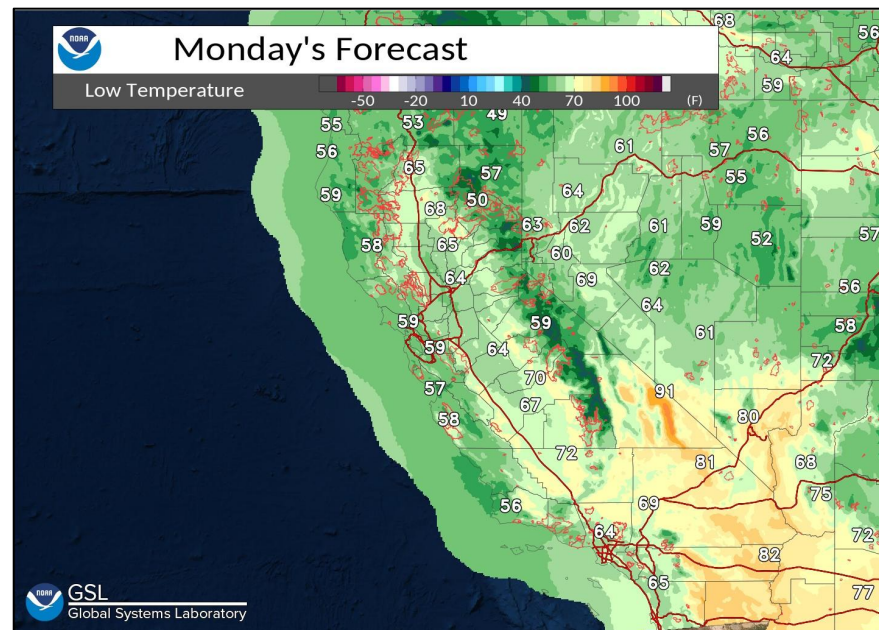
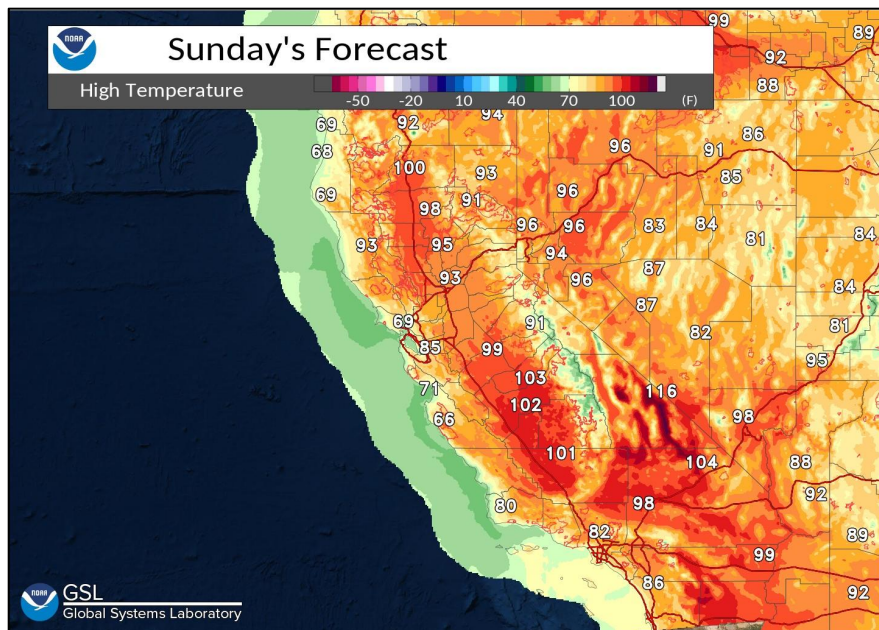
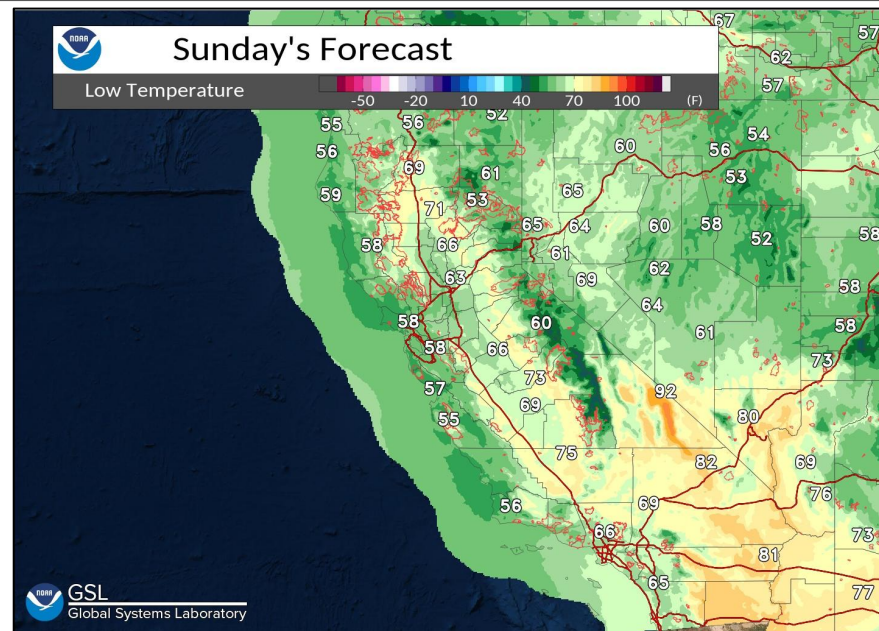
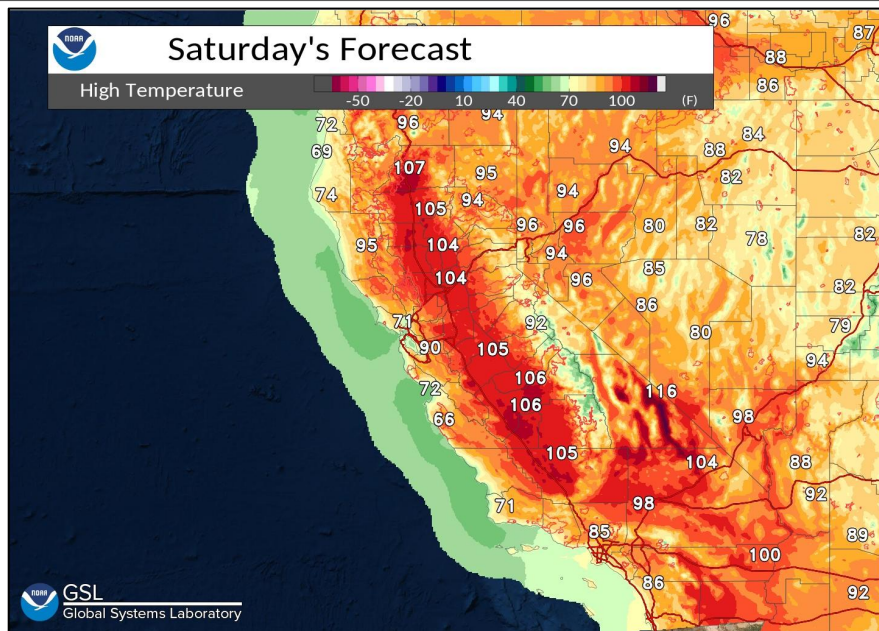


# Fri-Sat High/Low Temperatures

Regional Operations Center

Western Region

Thursday, August 18







# Weather Outlook (6-14 Days)

Regional Operations Center  
Western Region  
Thursday, August 18

## **6-10 Day Outlook (August 23 – August 27)**

### **Temperatures**

- Above normal temperatures are favored to continue statewide

### **Precipitation**

- Above normal precipitation is favored for the southeastern third California, with below normal precipitation favored for northern California. Near normal precipitation is favored for central California

## **8-14 Day Outlook (August 24 – August 30)**

### **Temperatures**

- Above normal temperatures continue to be favored statewide

### **Precipitation**

- Above normal precipitation is again favored across far southeastern California, with near normal precipitation favored for the remainder of the state



# Risk Assessment Matrix

Regional Operations Center

Western Region

Thursday, August 18

## Impact Level Definition

- Impactful weather is not expected.**
- Potential threat to lives and property if no/incorrect actions are taken.**
  - Localized impacts on commerce possible.
  - Includes events that occur frequently.
- Potential threat to lives and property if no/incorrect actions are taken.**
  - Impacts on commerce possible.
  - Includes events that occur a few times per year.
- Actions likely needed to save lives and/or property.**
  - Significant impacts to commerce possible.
  - Includes events that occur infrequently.
- Actions required to save lives and/or property.**
  - Significant and extended impacts to commerce.
  - Includes exceptionally rare events.

